

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**PATENT APPLICATION**

Applicant(s): **Dandrea et al.** Case: **DIVA/144CIP1CON1**

Serial No.: **not assigned** Filed: **herewith**

Group Art Unit: **2155** Examiner: **not assigned**

Title: **QUEUING ARCHITECTURE INCLUDING A PLURALITY OF  
QUEUES AND ASSOCIATED METHOD FOR CONTROLLING  
ADMISSION FOR DISK ACCESS REQUESTS FOR VIDEO  
CONTENT**

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R:  
INFORMATION DISCLOSURE STATEMENT UNDER  
37 C.F.R. 1.97 AND 1.98

The references cited on the attached form PTO-1449 are being called to the attention of the Examiner. Pursuant to 37 C.F.R. 1.98(d), these documents were previously cited by or submitted with a Disclosure Statement in a prior application that is relied upon by the above-identified continuation application for an earlier filing date under 35 U.S.C. 120. As such, the documents may be found in the file wrapper of U.S. patent application serial number 09/801,021, filed on March 7, 2001.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner

is authorized to deduct such fee from the undersigned's Deposit Account No. 20-0782.

Respectfully submitted,

9/16/03  
Date

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U.S. Department of Commerce, Patent and Trademark Office					Docket No.		Serial No.	
(PTO Form 1449 modified)					DIVA/144CIP1CON1		Not yet assigned	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>					Applicant:		Confirmation No.:	
<b>LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT</b>					Dandrea		Not yet assigned	
(Use several sheets if necessary)					Filing Date		Group	
Examiner not yet assigned					herewith		Not yet assigned	
<b>U.S. Patent Documents</b>								
*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate	
	A1	6,434,631	8/13/02	Bruno et al.	710	6		
	A2	6,378,036	4/23/02	Lerman et al.	711	112		
	A3	6,023,720	2/8/00	Aref et al.	709	103		
	A4	6,021,464	2/1/00	Yao et al.	711	114		
	A5	5,991,812	11/23/99	Srinivasan	709	232		
	A6	5,928,327	7/27/99	Wang et al.	725	88		
	A7	5,926,649	7/20/99	Ma et al.	710	6		
	A8	5,926,458	7/20/99	Yin	370	230		
	A9	5,870,629	2/9/99	Bordon, et al.	710	44		
	A10	5,802,394	9/1/98	Baird et al.	710	5		
	A11	5,787,482	7/28/98	Chen et al.	711	158		
	A12	5,721,956	2/24/98	Martin et al.	710	52		
	A13	5,687,390	11/11/97	McMillian Jr.	710	5		
	A14	5,644,786	7/1/97	Gallagher et al.	710	39		
	A15	5,610,841	3/11/97	Tanaka et al.	725	87		
<b>F reign Patent Documents</b>								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
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	B2						<input type="checkbox"/>	<input type="checkbox"/>
	B3						<input type="checkbox"/>	<input type="checkbox"/>
	B4						<input type="checkbox"/>	<input type="checkbox"/>
	B5						<input type="checkbox"/>	<input type="checkbox"/>
<b>OTHER ART</b>								
*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.						
	C1	Lin, "Optimal Real-Time Admission Control Algorithms for the Video On-Demand (VOD) Service," IEEE Trans. on Broadcasting, Vol. 44, No. 4, December 1998, pp. 402-408						
	C2	Vin et al., "A Statistical Admission Control Algorithm For Multimedia Servers," Proceedings of the Second ACM Int'l Conf. on Multimedia, Oct. 1994, pp. 33-40						
Examiner					Date Considered			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

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(Use several sheets if necessary)		Filing Date	Group
Examiner not yet assigned		herewith	Not yet assigned

**U.S. Patent Documents**

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A16	5,561,456	10/1/96	Yu	725	97	
	A17	5,220,653	6/15/93	Miro	709	107	
	A18	6,061,504	5/9/00	Tzelnic et al.	711	113	
	A19						
	A20						
	A21						
	A22						
	A23						
	A24						
	A25						
	A26						
	A27						
	A28						
	A29						
	A30						

**Foreign Patent Documents**

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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	B7						<input type="checkbox"/>	<input type="checkbox"/>
	B8						<input type="checkbox"/>	<input type="checkbox"/>
	B9						<input type="checkbox"/>	<input type="checkbox"/>
	B10						<input type="checkbox"/>	<input type="checkbox"/>

**OTHER ART**

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C3	Worthington et al., "Scheduling Algorithms for Modern Disk Drives," ACM Sigmetrics Performance Evaluation Review, Proceedings of the 1994 Conference on Measurement and Modeling of Computer Systems, May 1994, Vol. 22, Issue 1, pp. 241-251
	C4	Abbott et al., "Scheduling I/O Requests with Deadlines: a Performance Evaluation," Proceedings 11 <sup>th</sup> Real-time Systems Symposium, 1990, pp. 113-124

Examiner	Date Considered
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<b>U.S. Patent Documents</b>								
*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate	
	A31							
	A32							
	A33							
	A34							
	A35							
	A36							
	A37							
	A38							
	A39							
	A40							
	A41							
	A42							
	A43							
	A44							
	A45							
<b>Foreign Patent Documents</b>								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B11						<input type="checkbox"/>	<input type="checkbox"/>
	B22						<input type="checkbox"/>	<input type="checkbox"/>
	B13						<input type="checkbox"/>	<input type="checkbox"/>
	B24						<input type="checkbox"/>	<input type="checkbox"/>
	B15						<input type="checkbox"/>	<input type="checkbox"/>
<b>OTHER ART</b>								
*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.						
	C5	Pan et al, "A Time-Scale Dependent Disk Scheduling Scheme For Multimedia On Demand Servers," IEEE Proceedings of the Third IEEE Int'l. Conf. on Multimedia Computing and Systems, June 17-23, 1996, pp. 572-579						
	C6	Lee, et al., "Adaptive Disk Scheduling Algorithms For Video Servers," Proceedings 1999 Int'l. Conf. on Parallel Processing, Sept. 21-24, 1999, pp. 363-370						
Examiner					Date Considered			
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